BMP HIGH SPEED DOORS



EPD®
THE INTERNATIONAL EPD® SYSTEM

TÜV SÜD

DynamicRoll®
B-DRIVE SP

PUSH & PULL

TECHNICAL DATA

WIND RESISTANCE
CLASS 5

WATCH THE VIDEO!

SELF-REPAIR

SAFE

DRIVE SYSTEM AND CURTAIN COLLECTION

WATCH THE VIDEO!

HIGH SPEED

The **B-DRIVE® SP** improves the basic model and represents a step forward to the innovation of self-repairing high-speed doors with PVC curtain. It's equipped with the innovative "push & pull" system and a special polyethylene coiling spiral, which allows the curtain to be rolled up without friction, extending its life.

The push & pull opening and closing system is not gravity fed, as the other types of self-repairing rapid doors, but thanks the motor driven operation the curtain is opened and closed mechanically.

The patented curtain with its new and resistant high-density polyzene/polyethylene zip prevents twisting movements and therefore jamming in case of impact or during the re-pulling operation in the post impact guide. The patented "V" shaped upper part of the curtain also guarantees perfect coiling on the guide and high silence.

The high-density polyzene/polyethylene guide is also patented and does not have any self-repairing cuts, which instead many similar competitive models have.

B-DRIVE® doors allow self-repairing at the exact point of impact and not, like other models on the market, at the end of the rail. The motorisation has also improved its performance, reaching the 3 m/s.

For more information, download the complete datasheet

CLICK HERE

MAX OPENING DIMENSIONS*	**W** 4.000 mm x **H** 4.000 mm
SPEED	Up to 3 m/s
WIND LOAD** *differential pressure*	**< 5.000 mm**: class 5
DOOR OPERATION WITH WIND LOAD	Up to 100 km/h
FRAME	• Galvanized steel • Stainless Steel • Power coated
CURTAIN	• 1.300 g/m² 12x12 • 1.700 g/m² insulated • Antistatic
WINDOWS	Anti UV Transparent PVC 1 mm thickness
VERTICAL GUIDES MATERIAL	Frame in Galvanized steel with sliding guides in polyzene 1.000.000 cycles
MOTOR	Direct drive with worm gearboxes
SAFETY	Infrared light curtain H 2500 (CE EN 13241)
POWER SUPPLY	3 phase 230 - 380 - 500 V - 50/60 Hz
SELF-REPAIR	Instantaneous at the point of release of the curtain
WORKING TEMPERATURE	-30° +70° C ***
SOUND INSULATION *standard*	18 db ****
WATER RESISTANCE	Class 3 (rif. EN 12425)
AIR PERMEABILITY	Class 1
THERMAL TRANSMISSION	**Standard** 5.8 W m²k
	Insulated 3.2 W m²k

* *different sizes on demand*
** *higher resistance wind load on demand*
*** *by heating cable*
**** *depends by frequency*

PVC CHARACTERISTICS

STANDARD PVC

Composition and tests

EXTERNAL SIDE			
Material	*Finishing*	*Color*	*Thick*
PVC	Opaque	18 standard	0,7 mm
FABRIC			
Material	*N. tarps*	*Title*	*EN 2286-2*
PES	1	1100Dtex 12x12	900 g/m²
INTERNAL SIDE			
Material	*Finishing*	*Color*	*Thick*
PVC	Rough	18 standard	0,2 mm

Characteristics

THICK
ISO 2286/3
(mm) 0,9±0,1

WEIGHT
ISO 2286/2
(kg/m2) 0,90±0,1

Colors



Translucent Antistatic available
FDA (Food Drug Administration) certificated pvc available

INSULATED PVC

Composition and tests

EXTERNAL SIDE			
Material	*Finishing*	*Color*	*Thick*
PVC	Straight	6 standard	0,5 mm
FABRIC			
Material	*N. tarps*	*Title*	*EN 2286-2*
PES	1	1100Dtex 12x12	1350 g/m²
INTERNAL SIDE			
Material	*Finishing*	*Color*	*Thick*
PVC	Sponge	6 standard	7 mm

Characteristics

THICK
ISO 2286/3
(mm) 7,0±0,1

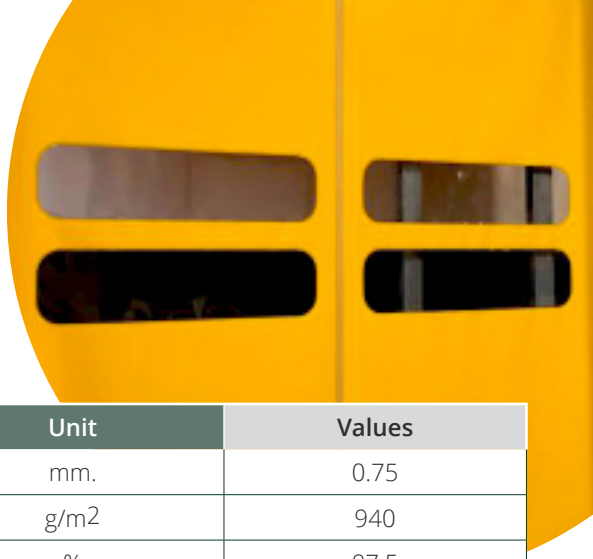
WEIGHT
ISO 2286/2
(kg/m2) 1,7±0,1

Colors



CRISTAL CHARACTERISTICS

PVC SUPERCLEAR



SUITABLE ONLY FOR POSITIVE TEMPERATURE ENVIRONMENTS

WINDOWS - *CRISTAL*

TECHNICAL DATA

Article	SUPERCLEAR 0.75 mm FR

Technical specifications	Standards	Unit	Values
Thickness	-	mm.	0.75
PVC total weight	-	g/m2	940
Light transmission	JIS K - 7361	%	87.5

OPTIONAL ACCESSORIES

RADAR



OPENING POINT RADAR TOF/SPOT for internal use only



INFRARED RADAR with cross-movement adjustment



INFRARED RADAR motion and presence (pedestrian/forklift) radar

TRAFFIC LIGHTS



GREEN FIXED STANDARD traffic light



RED FIXED STANDARD traffic light



LED TRAFFIC LIGHT with countdown



LED TRAFFIC LIGHT BARRIERS (connection card included)

BUTTONS



OPENING GREEN BUTTON with box



OPENING BLACK BUTTON with box



FREEZE STOP BUTTON with box



NO TOUCH BUTTON



TRAFFIC LIGHT BUTTON DUAL-FUNCTION opening and intermittent door opening/closing signaling



WIND GAUGE



KEY SELECTOR



REMOTE CONTROL



BOLLARD B-PROTECT



PULL CORD SWITCH



MAGNETIC LOOP DETECTOR

Quality products since 1997

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